

Atty. Docket No.: 25436/2152

PATENT

0300
BoV Sequence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Holly Hogrefe, et al.
Serial No.: 10/035,091
Filed: December 21, 2001
Entitled: High Fidelity DNA Polymerase
Compositions and Uses Therefor

Examiner: Not Yet Assigned
Group Art Unit: 1645
Conf. No.: 1719

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Kathleen M. Williams

Name of Person Mailing Paper

Elizabeth N. Spar for Kathleen Williams

Signature of Person Mailing Paper

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TRANSMITTAL LETTER

Enclosed for filing the above-identified patent application, please find the following documents:

1. Amendment and Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
2. Copy of Notice to Comply;
3. Paper copy of Sequence Listing;
4. Computer readable copy of the Sequence Listing; and
5. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference 25436/2152. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: June 20, 2002

Elizabeth N. Spar Reg # 45,123 for

Name: Kathleen M. Williams

Registration No.: 34,380

Customer No.: 27495

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

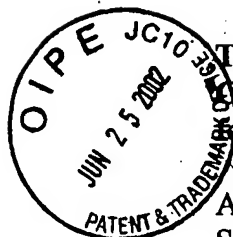
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BIOTECHNOLOGY
SYSTEMS
BRANCH

0590
0417

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/035,091
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Date Processed by STIC: 4/23/02

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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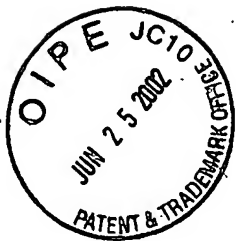
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Revised 01/29/2002



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OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/035,091

DATE: 04/23/2002
TIME: 08:46:33

Input Set : A:\Seqlisting.ST25.txt
Output Set: N:\CRF3\04232002\J035091.raw

3 <110> APPLICANT: Stratagene
5 <120> TITLE OF INVENTION: HIGH FIDELITY DNA POLYMERASE COMPOSITIONS AND USES THEREFOR
7 <130> FILE REFERENCE: 25436/2152
9 <140> CURRENT APPLICATION NUMBER: 10/035,091
10 <141> CURRENT FILING DATE: 2001-12-21
12 <160> NUMBER OF SEQ ID NOS: 9
14 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

124 <210> SEQ ID NO: 7
125 <211> LENGTH: 6
126 <212> TYPE: PRT
C--> 127 <213> ORGANISM: Artificial
W--> 128 <220> FEATURE:
128 <223> OTHER INFORMATION: Conserved Domain
E--> 130 <400> SEQUENCE: 7
132 Ser Tyr Thr Gly Gly Phe
133 1 5
136 <210> SEQ ID NO: 8
137 <211> LENGTH: 23
138 <212> TYPE: DNA
C--> 139 <213> ORGANISM: Artificial
W--> 140 <220> FEATURE:
140 <223> OTHER INFORMATION: Synthetic primer
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143 gaggagagca ggaaaggtgg aag
146 <210> SEQ ID NO: 9
147 <211> LENGTH: 23
148 <212> TYPE: DNA
C--> 149 <213> ORGANISM: Artificial
W--> 150 <220> FEATURE:
150 <223> OTHER INFORMATION: Synthetic primer
E--> 152 <400> SEQUENCE: 9
153 gaggtacagg gttgaggcta ctg

<220> is required; see error
summary sheet item 11

23

23

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/035,091

DATE: 04/23/2002
TIME: 08:46:34

Input Set : A:\Seqlisting.ST25.txt
Output Set: N:\CRF3\04232002\J035091.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/035,091

DATE: 04/23/2002

TIME: 08:46:34

Input Set : A:\Seqlisting.ST25.txt

Output Set: N:\CRF3\04232002\J035091.raw

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L:30 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:37 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:55 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:73 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:91 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:109 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:127 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:128 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:7
L:130 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:7
L:139 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:140 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:142 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:8
L:149 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:150 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:9
L:152 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:9